

Title (en)

LOCKING ELEMENT FOR A POLYAXIAL BONE ANCHOR, BONE PLATE ASSEMBLY AND TOOL

Title (de)

VERSCHLUSSELEMENT FÜR POLYAXIALEN KNOCHENANKER, KNOCHENPLATTENANORDNUNG UND WERKZEUG

Title (fr)

ÉLÉMENT DE VERROUILLAGE DESTINÉ À UN ANCRAGE OSSEUX POLYAXIAL, ENSEMBLE PLAQUE POUR OS ET OUTIL

Publication

**EP 3028655 A1 20160608 (EN)**

Application

**EP 15203135 A 20110304**

Priority

- US 31151710 P 20100308
- EP 10158246 A 20100329
- US 36949510 P 20100730
- EP 11714657 A 20110304
- EP 15203135 A 20110304

Abstract (en)

A locking element is configured to be used with a polyaxial bone anchor, and is substantially cylindrical with a bottom side facing a head of the bone anchor, a top side opposite to the bottom side, and a surface portion with an external thread. The locking element has a first recess at the bottom side for accommodating at least a portion of the head, and a second recess at the top side for engagement with a driver. The second recess is located outside the center of the top side. The head has a portion with a largest diameter, and a first level L1 is defined by the highest point of a circle with the largest diameter drawn around the head, and a second level L2 is defined by the bottom of the second recess, L2 being at a level not higher than L1.

IPC 8 full level

**A61B 17/80** (2006.01); **A61B 17/88** (2006.01)

CPC (source: EP KR US)

**A61B 17/8042** (2013.01 - EP KR US); **A61B 17/8057** (2013.01 - KR US); **A61B 17/808** (2013.01 - KR US); **A61B 17/8605** (2013.01 - KR US); **A61B 17/861** (2013.01 - EP US); **A61B 17/8615** (2013.01 - EP KR US); **A61B 17/8875** (2013.01 - EP US); **A61B 17/8877** (2013.01 - EP KR US); **A61B 17/8033** (2013.01 - US); **F16B 23/0007** (2013.01 - US); **F16B 23/003** (2013.01 - US); **F16B 23/0061** (2013.01 - US)

Citation (applicant)

- US 6022350 A 20000208 - GANEM FRANCK [FR]
- US 5531746 A 19960702 - ERRICO JOSEPH P [US], et al
- WO 9905968 A1 19990211 - DEPUY ORTHOPAEDICS INC [US]
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Citation (search report)

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- [X] EP 0938872 A1 19990901 - SULZER ORTHOPAEDIE AG [CH]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011110916 A1 20110915**; CN 102883673 A 20130116; CN 102883673 B 20160302; EP 2544614 A1 20130116; EP 2544614 B1 20160511; EP 3028655 A1 20160608; EP 3028655 B1 20171122; ES 2581830 T3 20160907; JP 2013521095 A 20130610; JP 5760013 B2 20150805; KR 20130052542 A 20130522; US 10499964 B2 20191210; US 11547458 B2 20230110; US 11925396 B2 20240312; US 2012059425 A1 20120308; US 2015005830 A1 20150101; US 2020078060 A1 20200312; US 2023145753 A1 20230511; US 8808335 B2 20140819

DOCDB simple family (application)

**IB 2011000457 W 20110304**; CN 201180013246 A 20110304; EP 11714657 A 20110304; EP 15203135 A 20110304; ES 11714657 T 20110304; JP 2012556602 A 20110304; KR 20127023423 A 20110304; US 201113039422 A 20110303; US 201414323717 A 20140703; US 201916683215 A 20191113; US 202218076811 A 20221207